

Group Task 2.2.C

Name _____ Class _____
Teacher _____ Date _____

6.RP.2

Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities

6.RP.3b

Solve unit rate problems including those involving unit pricing and constant speed.

6.RP.3c

Find a percent of a quantity as a rate per 100.



Rubric					
Operations	4	3	2	1	0
Errors	4	3	2	1	0
Explanation	4	3	2	1	0
Process	4	3	2	1	0
Total Score					

Directions: Answer each question. Be sure to show your work and explain the process you used to find your answer when appropriate.

1. Andy Worm travels 8 cm every 4 minutes. How far will Andy travel in 6 minutes?

(Set up a proportion.)

Show your work.

Answer: _____

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2. Andy Worm travels 8 cm every 4 minutes. Betty Worm travels 15 cm every 10 minutes. Find the unit rate of Andy and Betty's speed to see who is traveling faster.

(Set up a proportion for each worm.)

Show your work.

Answer: _____

3. Betty would like to go to the compost pile. She has traveled 15 of the 60cm to get there. What percent of the total distance has Betty traveled?

$$\frac{\text{percent}}{100} = \frac{\text{is}}{\text{of}}$$

Show your work.

Answer: _____